

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>	1. CONTRACT ID CODE	PAGE OF PAGES
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2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
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6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)	(X)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO.
		10B. DATED (SEE ITEM 11)
CODE	FACILITY CODE	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)
15C. DATE SIGNED	16C. DATE SIGNED

1. The specifications and drawings for Invitation No. DACW64-02-B-0031, Channel Rectification, Downstream of Cullen to State Highway 288, Sims Bayou, Houston, Texas, advertised 17 July 2002 and for which bids are to be opened on 20 August 2002, are hereby modified as follows:

**BID OPENING DATE IS HEREBY RESCHEDULED FOR 2:00 PM LOCAL TIME, ROOM 175 JADWIN BUILDING, 21 AUGUST 2002.**

**QUESTIONS FROM MIDWEST CONSTRUCTION COMPANY, ROBERT VITEK AND ANSWERS BY THE GALVESTON DISTRICT DESIGN TEAM**

QUESTION 1 - Bid Item No. 0002, Relief Wells - 1 L.F?

ANSWER 1 - Should be: Relief Wells - 2,621 L.F. New Bid Schedule with corrections is being issued with this Amendment No. 0001.

QUESTION 2 - Bid Item No. 0007, Sheet Pile Wall Removal, Sta. 336+50 also appears as Bid Item 0058 in the Option. Is this correct?

ANSWER 2 - This item has been deleted out of Schedule No. 1 by this Amendment No. 0001. It will remain in the Option.

QUESTION 3 - Bid Item No. 0053, Metal Beam Guard Fence - 12,000 CY? Quantity and units look wrong.

ANSWER 3 - Should be: Metal Beam Guard Fence - 1,012 L.F. This has been corrected on the Bid Schedule issued with this Amendment No. 0001.

QUESTION 4 - I cannot find any reference to layout or depth for the 3-5'x5'x67' box culvert, Sta. 616+60 Rt, as shown in the New Storm Drain Summary, plan sheet C-31. I did find a reference to a box culvert in Section D, plan sheet S-11, but it does not make any sense, there is not a cut section D on that sheet in the plan or profile.?

ANSWER 4 - The 5'x5'x67' box culvert that was supposed to be constructed at Sta. 616+60 is being deleted by this Amendment No. 0001. In its place we are constructing a low water crossing. Details for the low water crossing are shown on the new Drawing No. S-11 that is enclosed with this Amendment No. 0001.

QUESTION 5 - Cannot find depth of manholes at Station 549+68 Rt. and 547+44 Rt. as called for on Existing Storm Drain Adjustment Summary, plan sheet C-31.

ANSWER 5 - Assume that the pipe at Sta. 549+68 Rt. is 10' deep and that the pipe at Sta. 547+44 is 14' deep..

(a) Specifications.

(1) BIDDING SCHEDULE, Pages 00010-1 Through 00010-8. – The enclosed Bidding Schedule, Pages 00010-1 through 00010-8 supersedes that issued with this Invitation.

(2) Page 00800-5, Paragraph 9(3). – In the first line, change the first “unallowable” to “allowable.”

(3) Page 01010-1, Paragraph 1.2 – At the end of this Paragraph, delete the period and add the following, “and work along the Bayou just upstream and downstream of MLK Blvd.”

(4) Page 01010-1, Paragraph 1.5. - Delete the last sentence and substitute the following: “The completed 1,500-foot reach shall be seeded with the appropriate seed mix prior to the excavation of the next 1,500-foot reach. Permanent erosion control measures for the Pollution Prevention Plan shall be installed in each completed 1,500-foot reach prior to excavation of the next 1,500-foot reach. Permanent and temporary erosion control measures for the Pollution Prevention Plan shall be installed as soon as practicable for each 1,500-foot reach as it is excavated.”

(5) Page 01100-1, Paragraph 1. - In the fifth line, change “350” to “730.” Also, in the sixth line, change “90” to “180.”

(6) Page 01355-1, Subparagraph 1.3.1(5). In the last line, change “spoil” to excavated.”

(7) Page 01355-1, Subparagraph 1.3.1(14). - In the fifth line, delete the period after the word “sediment.”

(8) Page 01355-A-4, Paragraph 7. - In the sixth line, delete “Storm Water Management Handbook for Construction Activities, Final Draft, dated September 17, 1992,” and substitute “Storm Water Management for Construction Activities: Developing Pollution Prevention Plans and Best Management Practices, dated December 1999.”

(9) SECTION 01520, CONSTRUCTION OFFICE – The enclosed SECTION 01520 entitled CONSTRUCTION OFFICE shall supersede that issued with this Invitation.

(10) Page 02231-1, Subparagraph 1.3.1 - In the second line, after the word “debris,” insert “and the removal and stockpiling of cover stone, riprap, and blanket stone.”

(11) Page 02231-1, Subparagraph 1.3.2. - Delete this Subparagraph and substitute the following:

“1.3.2 Steel Sheet Pile Wall. Payment for removal and disposal of the steel sheet pile wall at Station 336+50 will be made at the Option contract lump sum price for “Sheet Pile Wall Removal, Sta. 336+50,” which price shall include the cost of plant, labor, and material required to perform the work specified herein.

(12) Page 02231-2, Paragraph 3.5. - In the title of this Paragraph, change “**533+00**” to “**530+00.**”

(13) Page 02231-2, Subparagraph 3.5.1. - Delete the Subparagraph.

(14) Page 02231-2, Subparagraph 3.5.2.- Delete this Subparagraph and substitute the following:

“3.5.1 Stone Protection. The Contractor shall salvage the existing stone protection between Station 533+60 and Station 530+00 and stockpile the material as directed. The stone protection consists of 24 inches of riprap (40-625 lbs.) and 9 inches of blanket stone (1/4”-4”).”

(15) Page 02231-2, Subparagraph 3.5.3. – Renumber this Subparagraph 3.5.2.

(16) Page 02231-3, Paragraph 3.6. - Delete this Paragraph and substitute the following;

**“3.6 REMOVAL OF EXISTING STEEL SHEET PILE WALL AT STATION 336+50.** Upon completion of the work covered in the Option, the existing steel sheet pile wall at Station 336+50 shall be removed. The wall shall be cut to match the existing channel template shown. The removed material shall become property of the Contractor and disposed off the project site.”

(17) Page 02321-1, Paragraph 1.2. - Insert the following American Society for Testing and Material (ASTM) Publication:

“D 1556-90

Density and Unit Weight of Soil in Place by the Sand-Cone Method.”

(18) Page 02321-8, Paragraph 3.4. - At the end of this Paragraph, add the following: “In the event that a flood or high water event is expected on the Bayou, the Contractor shall direct the discharge from the dewatering system or use other methods to flood dewatered work areas prior to leaving the work site. After completion of the required work within a dewatered cell or other work area, the Contractor shall direct the discharge from the dewatering system or use other methods to flood the cell or other work areas prior to shutting off the dewatering system to resist returning uplift pressures.”

(19) Page 02321-9, Subparagraph 3.4.2 - At the end of the first sentence, insert the following, "The Contractor shall anticipate that an event of this magnitude will exceed the capacity of permissible protective works in the construction reach."

(20) Page 02321-10, Subparagraph 3.5.3.1. - Delete the first sentence and substitute the following: "Fill material shall be compacted with the equipment specified herein, to the extent that each layer of fill is traversed with six (6) complete passes of a tamping roller, six (6) complete passes of a rubber-tired roller or seven (7) complete passes of a crawler-type tractor."

(21) Page 02321-12, Subparagraph 3.8.4 - At the end of this Subparagraph insert the following new Subparagraph:

"3.8.5 Density Tests. In-place density tests of compacted fill and backfill shall be conducted in accordance with ASTM D 1556 or ASTM D 2922. The Contractor shall perform an in-place density test at the rate of one (1) test for each 500 cubic yards of compacted fill placed. The Contractor shall also perform one (1) in-place density test on backfill material at each structure location. The in-place density test may be performed in conjunction with the moisture content test."

(22) SECTION 02321, ATTACHMENT B-1. - Add the following to this Attachment: "Dates shown are for the 2002 calendar year."

(23) Page 02382-3, Subparagraph 2.1.2(2). - Move 2% under the max. column.

(24) Page 02382-3, Subparagraph 2.1.2(4). - Move 40% under the max. column.

(25) Page 02387-2, Subparagraph 1.4.1 - Delete the last sentence and substitute the following: "Block units are connected by a positive interlock and cable system."

(26) Page 02387-2, Subparagraph 1.4.3. - In the second line, change "abutted" to "connected." Also, in the second line, after the word "key," insert "and key hole."

(27) Page 02387-5, Paragraph 2.6. - In the first sentence change "mats" to "blocks."

(28) Page 02464-2, Subparagraph 1.5.1. - Delete the first sentence and substitute the following: "Payment for sheet piling quantities will be made at the contract unit price per square foot of wall for the structure it pertains to."

(29) Page 02631-5, Paragraph 3.2. - In the eighth line, delete the period after the word "necessary" and insert "for placement of pipe in the dry."

(30) Page 02826-3, Paragraph 3.6. - At the end of this Paragraph, insert the following new Paragraph:

**“3.7 GROUNDING.** The fence shall be grounded as shown and specified below.

“3.7.1 Electrical Grounds shall be installed where a power line passes over the fence or at 500-foot intervals along the fence line. The grounding electrode shall be ½ inch or 5/8 inch diameter by 8-foot long copper clad rod driven into the earth until the top is 12 inches below ground. An exothermally welded No. 2 AWG bare stranded copper conductor shall be attached to the ground rods and extend underground in the immediate vicinity of a fence post. Ground rod shall be fastened to the post with a 5/16-inch self tapping galvanized or stainless steel bolt and approved copper compression terminal ends or clamps.

“3.7.2 Ground Resistance Test. After grounding rods and fence connections have been completed a ground resistance test shall be performed in the presence of the Contracting Officer. The ground resistance shall not exceed 25 OHMS under normal dry conditions. Where resistance requirements cannot be attained, additional rods shall be installed not closer than 6 feet on center. No more than 2 additional rods shall be installed at each location.”

(31) Page 03152-1, Paragraph 1.2. - Change “b w” to “below.”

(b) Drawings.

(1) Drawing No. C-1. - In the INDEX OF DRAWINGS, change the following titles:

“DRAWING NO. F-4 - PLAN AND PROFILE - STA. 681+94.44 TO STA. 671+00”  
to “DRAWING NO. F-4 - RELIEF WELL AND PIEZOMETER LOCATIONS - STA.  
681+94.44 TO STA. 671+00.”

“DRAWING NO. F-5 - PLAN AND PROFILE - STA. 671+00 TO STA. 660+00” to  
“DRAWING NO. F-5 - RELIEF WELL AND PIEZOMETER LOCATIONS - STA.  
671+00 TO STA. 660+00.”

“DRAWING NO. F-6 - PLAN AND PROFILE - STA. 660+00 TO STA. 644+00”  
to “DRAWING NO. F-6 - RELIEF WELL AND PIEZOMETER LOCATIONS - STA.  
660+00 TO STA. 644+00.”

“DRAWING NO. OC-6 - TYPICAL SECTIONS - STA. 530+00 TO STA. 391+17.32”  
TO “DRAWING NO. OC-6 - TYPICAL SECTIONS - STA.496+00 TO STA. 472+00.”

(2) Drawing No. C-3. - For NOTE NO. 15 change “NOTE 5” to “NOTE 6” and “C-38” to “C-44.”

(3) Drawing No. C-7. - At "STATION 625+30 RIGHT," add the following Note: "THE CONTRACTOR SHALL RELOCATE THE EXISTING BARRICADE AT THE END OF BRISBANE DRIVE TO THE PROJECT RIGHT-OF-WAY LINE SHOWN."

(4) Drawing No. C-8. - In the PLAN VIEW at "STATION 609+37 RIGHT," change the new manhole symbol to a new interceptor structure symbol.

(5) Drawing No C-9. - In the PLAN VIEW, change the boxed text: "ABANDONED 24" CITY OF HOUSTON SANITARY SEWER PIPELINE TO BE REMOVED BY OTHERS" to "REMOVE ABANDONED 24" CITY OF HOUSTON SANITARY SEWER PIPELINE."

(6) Drawing No. C-10. - At "STATION 575+40 LEFT," delete the portion of guardrail that crosses the lateral.

(7) Drawing No. C-11. - At "STATION 570+00 RIGHT," delete the boxed text and substitute the following: "PIPELINE OWNERS WILL REMOVE THEIR PIPELINES WHEN THE CONTRACTOR IS ON-SITE. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE PIPELINE OWNERS."

(8) Drawing No. C-12 - At "STATION 552+03 LEFT," replace the New Manhole symbol with a New Drop Inlet symbol.

(9) Drawing No. C-13 - At "STATION 536+00 RIGHT," change the new Drop Inlet symbol to a new Interceptor Structure symbol. At STATION 543+32 RIGHT", replace the new Interceptor Structure symbol with a new Drop Inlet symbol.

(10) Drawing NO. C-30 - Reference BACKSLOPE DITCH STRUCTURES TABLE, AT STATION 609+29 RIGHT Change "DROP INLET" to "D."

(11) Drawing No. C-31 - In the EXISTING STORM DRAIN ADJUSTMENTS TABLE for STATION 534+36 LEFT, change "36" CMP" to "42" CMP." REFERENCE EXISTING STORM DRAIN ADJUSTMENTS TABLE, AT STATION 609+37 RIGHT, delete "INSTALL MANHOLE & 24"x158' CMP" and "STA. 609+29,RT." REFERENCE EXISTING STORM DRAIN ADJUSTMENTS TABLE, AT STATION 587+06 RIGHT, in the SCOPE OF WORK column for STORM DRAIN ADJUSTMENT add, "MANHOLE AND" after the word "INSTALL." Also, in the DIMENSION SCHEDULE table add the following values of "72'" and 7'-6'" for a and b, respectively.

(12) Drawing No. C-32 - In the DIMENSION SCHEDULE table add the Following values of "72'" and 7'-6'" for a and b, respectively.

(13) Drawing No. C-36 - Delete the "TYPICAL HIKE AND BIKE RAMP SECTION" shown.

(14) Drawing No. C-38 - Add NOTE NO. 11 to the Drawing, "11. SEE DRAWING NO. C-44 FOR FENCE TABLE NO. 1."

(15) Drawing No. C-40 - In the "CULLEN PLAN" correct the upper slope Symbols."

(16) Drawing No. C-44 - Add the following to the legend symbol x "LOCATION OF EXISTING TREES TO BE PROTECTED." Also, delete NOTE NOS. 1, 2, and 4 and replace with the following:

"1. SEE DRAWING NOS. C-55 AND C-56 FOR TEMPORARY CONTROL DETAILS.

"2 INDIVIDUAL TREES OR GROUPS OF TREES WITHIN STORAGE AREAS OR OTHER CONSTRUCTION ACTIVITY AREAS SHALL BE FENCED AS SPECIFIED. PROTECTION OF DESIGNATED TREES AS SHOWN ON THE DRAWINGS SHALL BE FENCED PRIOR TO ANY CLEARING. MINIMUM TREES TO BE PROTECTED ARE MARKED IN THE FIELD WITH AN "S" ON THE TRUNK, OR WITH RED FLAGGING IF THE TRUNK WAS TOO SMALL TO PAINT AN "S."

"4. WHEREVER POSSIBLE TREES TO BE PROTECTED WITHIN BACKSLOPE SWALES SHALL BE AVOIDED BY MEANDERING THE SWALE AROUND THE TREE ROOT SYSTEM (10-FOOT MINIMUM FROM TRUNK). TREES THAT INTERFERE WITH THE INSTALLATION AND/OR FUNCTION OF NEW STORM DRAIN STRUCTURES OR BACKSLOPE SWALES SHALL BE REMOVED UPON APPROVAL OF THE CONTRACTING OFFICER."

(17) Drawing No. C-47 - Along the northwest side of the avoidance area show a TREE PROTECTION FENCE.

(18) Drawing No. C-51 - At STATION 575+40 LEFT, delete that portion of guardrail that crosses the lateral.

(19) Drawings Nos. C-61 through C-79 - In the PROFILES change, "ELEVATION" to "ELEVATION IN FEET, NGVD."

(20) Drawing No. C-64 - In the PLAN at STATION 609+29 RIGHT, change, "DROP INLET" to "TYPE "D"."

(21) Drawing No. C-76 - At STATION 575+40 LEFT, delete that portion of guardrail that crosses the lateral.

(22) Drawing No. F-1 - In the LABORATORY CLASSIFICATION LIST change, "SP , SM" to "SP-SM SLIGHTLY SILTY SANDS, SANDS WITH SOME SILT."

(23) Drawing No. F-4 - In the Title Block delete, "PLAN AND PROFILE" and replace with "RELIEF WELL AND PIEZOMETER LOCATIONS."

(24) Drawing No. F-5 - In the TITLE BLOCK delete, "PLAN AND PROFILE" and replace with "RELIEF WELL AND PIEZOMETER LOCATIONS."

(25) Drawing No. F-6 - In the TITLE BLOCK delete, "PLAN AND PROFILE" and replace with "RELIEF WELL AND PIEZOMETER LOCATIONS."

(26) Drawing No. F-7 - At STATION 644+00 show a MATCHLINE.

(27) Drawing No. F-10 - In the PIEZOMETER DETAIL delete the 6" STEEL PIPE shown.

(28) Drawing No. S-1 - Label SECTION A/S1/S1 "STATION 681+94.44 SEE DWG. NO. C-3."

(29) Drawing No. S-1 - Show a dimension of "18" " width for the 48" Deep Grade Beam.

(30) Drawing No. S-2 - In SECTION A/S2/S2 change, "CAST IN PLACE CONCRETE" to "GROUT."

(31) Drawing No. S-3 - Identify by label the MAINTENANCE BERM as shown on DRAWING NO. C-3. Also, in the LEGEND delete "NEW RIPRAP AND SYMBOL" and change "BURIED RIPRAP" to "NEW BURIED RIPRAP."

(32) Drawing No. S-5 - The enclosed ATTACHMENT NO. 1 showing a revision to the location of SECTION B/S5/S6 becomes a part of DRAWING NO. S-5 issued with this Invitation.

(33) Drawing No. S-6 - In SECTION A/S5/S6 dimension the dimension line above 7'-2" "10'-6".

(34) Drawing No. S-8 - The enclosed ATTACHMENT NO. 2 showing layout coordinates shall become a part of DRAWING NO. S-8 issued with this Invitation.

(35) Drawing No. S-10 - The enclosed ATTACHMENT NO. 3 shall become a part of DRAWING NO. S-10 issued with this Invitation.

(36) Drawing No. S-11 - The enclosed new DRAWING NO. S-11 shall supersede that issued with this Invitation.

(37) Drawing No. S-13 - In the PLAN VIEW, change "WEEP HOLES 16 SPACES AT 2" to "WEEP HOLES 16 SPACES AT 20'." Also, in the PLAN VIEW, change "1114'-0" to "114'-0".

(38) Drawing No. S-16. - In the PLAN VIEW, change SECTION A/S16/S16 from "LOOKING SOUTH" to "LOOKING NORTH." Also, in the PLAN VIEW, label the "STEEL SHEET PILE WALL SHOWN AT STATION 1+41.75."

(39) Drawing No. S-20 - For the Profiles shown, at the end of the phrase "ELEVATION IN FEET" add a comma and the phrase "NGVD."

(40) Drawing No. S-21 - In SECTION B/S21/S21, change the concrete apron thickness from “6” to “8”.

(41) Drawing No. S-22 - In SECTION SYMBOL “C” add “S1” below S5. Also, the enclosed ATTACHMENT NO. 4 shall become part of DRAWING NO. S-22 issued with this Invitation.

(42) Drawing No. S-23 - Change “SECTION A/S10/S23” to “SECTION A/S11/S23.”

(43) Drawing No. S-26 - Add the following NOTE NO. 5: “5. SEE DRAWING NO. C-16, TABLE NO. 2 FOR PORTIONS OF CONCRETE LINED CHANNEL.”

(44) Drawing No. S-26 - The enclosed ATTACHMENT NO. 5 shall be added to DRAWING NO. S-26.

(45) Drawing No. S-27 - The enclosed ATTACHMENT NO. 6 shall be added to DRAWING NO. S-27.

(46) Drawing No. S-29. - In the PROFILE shown at the end of the word “ELEVATION” add the phrase “IN FEET, NGVD.” Also, the enclosed ATTACHMENT NO. 7 shall be added to DRAWING NO. S-29.

(47) Drawing No. S-29 - Delete the “PROFILE EXISTING APRON NEW MANHOLE” DETAIL, “PLAN-MANHOLE” DETAIL, and “SECTION B/S29/S29.” Also, in the PROFILE-EXISTING APRON/MANHOLE ABOVE OF APRON ELEVATION DETAIL delete “CUT AND REMOVE CONCRETE & REBAR.”

(48) Drawing No. S-31 - In the PROFILE shown at the end of the phrase “ELEVATION IN FEET” add “, NGVD.”

(49) Drawing No. S-33 - In the TITLE BLOCK change, “NLET” to “INLET.” Also, the enclosed ATTACHMENT NO. 8 shall replace a portion of the PROFILE shown on DRAWING NO. S-33.

(50) Drawing No. S-34 - In the PROFILE shown at the end of the word “ELEVATION” add the phrase “IN FEET, NGVD.”

(51) Drawing No. OF-1 - Replace NOTE NO. 1 with, “1. SEE DRAWING NO. OF-2 FOR BORING NOTES AND LEGEND.”

(52) Drawing No. OS-1 - Add the following NOTE NO.1, “1. REFER TO DETAIL A ON DRAWING S-24 FOR J-BOLT CONNECTION.”

(53) Drawing No. OF-2. - Delete “NOTE: SEE DWG. F-3 FOR BORING NOTES AND LEGEND.”

(54) Drawing No. OS-2 - Add the following Note No. 1, "1. REFER TO DRAWING NOS. OC-3 and C-33 to the PLAN VIEW and DETAILS." Also, add the following NOTE NO. 2, "2. FOR SECTION E,F,G, AND H REFER TO DRAWING NO. OS-7."

(55) Drawing No. OS-5 - Add the following NOTE NO. 5, "5. THE SUBDRAINAGE SYSTEM SHALL EXTEND FROM STATION 487+10 TO STATION 486+60 AND STATION 481+91 TO STATION 479+23."

(56) Drawing No. OS-6 - In SECTION A, add "J" bolt connection "K" from DRAWING NO. C-33.

(57) Drawing No. OS-7 - In the PLAN VIEW delete the clouding shown and the Amendment No. 1 number and symbol."

(58) Drawing No. OS-8 - The enclosed ATTACHMENT NO. 9 shall replace SECTION STA. 336+50 shown.

(59) Drawing No. OS-8 - Delete the NOTE NO. 1.

2. This amendment shall be attached to and become a part of the specifications.

4 Encls:

1. Bd Sched, Pgs 00010-1-00010-8
2. SECTION 01520
3. Atchmnts Nos. 1-9
4. Dwg No. S-11

File 7586S  
**SIMS BAYOU, HOUSTON, TEXAS,  
 DOWNSTREAM OF CULLEN TO  
 STATE HIGHWAY-288,  
 CHANNEL RECTIFICATION**

**INVITATION NO. DACW64-02-B-0031**

**BIDDING SCHEDULE  
 (TO BE ATTACHED TO STANDARD FORM 1442)**

Item No.	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount
<b><u>SCHEDULE NO. 1</u></b>					
0001	Environmental Protection/ EPA Storm Water Pollution Prevention Plan	1	L.S.	\$ _____	\$ _____
0002	Relief Wells	2,621	L.F.	\$ _____	\$ _____
0003	Developing and Surging Wells	56	EACH	\$ _____	\$ _____
0004	Relief Well Pumping Tests	56	EACH	\$ _____	\$ _____
0005	Piezometers	663	L.F.	\$ _____	\$ _____
0006	Clearing, Grubbing, and Removal of Debris	1	L.S.	\$ _____	\$ _____
0007	Excavation (Common)	2,184,250	C.Y.	\$ _____	\$ _____
0008	Compacted Fill	189,550	C.Y.	\$ _____	\$ _____
0009	Stripping	1	L.S.	\$ _____	\$ _____
0010	Care of Water During Construction	1	L.S.	\$ _____	\$ _____
0011	Filter Sand	14,950	C.Y.	\$ _____	\$ _____

00010-1

(To Accompany Amendment No. 0001 to Invitation No. DACW64-02-B-0031)

**INVITATION NO. DACW64-02-B-0031**

**BIDDING SCHEDULE (CONT'D)  
(TO BE ATTACHED TO STANDARD FORM 1442)**

Item No.	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount
<b>SCHEDULE NO. 1 (Cont'd)</b>					
0012	Geotextile	187,450	S.Y.	\$ _____	\$ _____
0013	Blanket Stone (1/4"-4")	4,585	Ton	\$ _____	\$ _____
0014	Riprap (40-625 lbs)	12,220	Ton	\$ _____	\$ _____
0015	Articulated Concrete Block	1,606,625	S.F.	\$ _____	\$ _____
0016	Sheet Pile Termination Wall- Sta.681+94.44	4,150	S.F.	\$ _____	\$ _____
0017	Sheet Pile Wall Lateral Drain- Sta.673+90	2,230	S.F.	\$ _____	\$ _____
0018	Sheet Pile Wall Lateral Drain HCFC Unit No. C134 Station 662+00	1,140	S.F.	\$ _____	\$ _____
0019	Sheet Pile Wall Lateral Drain HCFC Unit No. C132 Station 617+60	1,810	S.F.	\$ _____	\$ _____
0020	Sheet Pile Wall Lateral Drain HCFC Unit No. C128 Station 575+40	3,570	S.F.	\$ _____	\$ _____

**INVITATION NO. DACW64-02-B-0031**

**BIDDING SCHEDULE (CONT'D)  
(TO BE ATTACHED TO STANDARD FORM 1442)**

Item No.	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount
<b>SCHEDULE NO. 1 (Cont'd)</b>					
0021	Sheet Pile Wall Lateral Drain HCFC Unit No. C127 Station 575+05	1,650	S.F.	\$ _____	\$ _____
0022	Poly(Vinyl Chloride) Sheet Piling	17,650	S.F.	\$ _____	\$ _____
0023	Subdrainage System	2,700	L.F.	\$ _____	\$ _____
0024	Storm Drains	1	L.S.	\$ _____	\$ _____
0025	Cement Stabilized Flexible Base: Access Ramps	560	C.Y.	\$ _____	\$ _____
0026	Flexible Base: Hike and Bike Trail	855	C.Y.	\$ _____	\$ _____
0027	Bituminous Prime Coat	1,274	GAL.	\$ _____	\$ _____
0028	Asphaltic Concrete	4,550	S.Y.	\$ _____	\$ _____
0029	Barbed Wire Fence	11,385	L.F.	\$ _____	\$ _____
0030	Metal Beam Guard Fence	4,775	L.F.	\$ _____	\$ _____
0031	Chain-link Fence	2,710	L.F.	\$ _____	\$ _____
0032	Double Bar Gate	1	L.S.	\$ _____	\$ _____

INVITATION NO. DACW64-02-B-0031

**BIDDING SCHEDULE (CONT'D)**  
**(TO BE ATTACHED TO STANDARD FORM 1442)**

Item No.	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount
<b>SCHEDULE NO. 1 (Cont'd)</b>					
0033	Turfing	1	L.S.	\$ _____	\$ _____
0034	Tree Pruning, Feeding, and Protection	1	L.S.	\$ _____	\$ _____
0035	Concrete	22,000	C.Y.	\$ _____	\$ _____
0036	Hike and Bike Trail Bridge	1	L.S.	\$ _____	\$ _____
<b>TOTAL SCHEDULE NO. 1</b>					\$ _____

**INVITATION NO. DACW64-02-B-0031**

**BIDDING SCHEDULE (CONT'D)  
(TO BE ATTACHED TO STANDARD FORM 1442)**

Item No.	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount
<b>OPTION</b>					
0037	Environmental Protection/ EPA Storm Water Pollution Prevention Plan	1	L.S.	\$ _____	\$ _____
0038	Clearing, Grubbing, and Removal of Debris	1	L.S.	\$ _____	\$ _____
0039	Excavation (Common)	279,650	C.Y.	\$ _____	\$ _____
0040	Stripping	1	L.S.	\$ _____	\$ _____
0041	Compacted Fill	6,150	C.Y.	\$ _____	\$ _____
0042	Care of Water During Construction	1	L.S.	\$ _____	\$ _____
0043	Filter Sand	13,200	C.Y.	\$ _____	\$ _____
0044	Cement Stabilized Flexible Base: Access Ramps	115	C.Y.	\$ _____	\$ _____
0045	Flexible Base: Hike and Bike Trail	260	C.Y.	\$ _____	\$ _____
0046	Geotextile	29,600	S.Y.	\$ _____	\$ _____
0047	Blanket Stone (1/4"-4")	490	Ton	\$ _____	\$ _____
0048	Riprap (40-625 lbs)	1,310	Ton	\$ _____	\$ _____
0049	Articulated Concrete Block	266,100	S.F.	\$ _____	\$ _____

**INVITATION NO. DACW64-02-B-0031**

**BIDDING SCHEDULE (CONT'D)  
(TO BE ATTACHED TO STANDARD FORM 1442)**

Item No.	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount
<b>OPTION (Cont'd)</b>					
0050	Asphaltic Concrete	1,365	S.Y.	\$ _____	\$ _____
0051	Bituminous Prime Coat	382	Gal.	\$ _____	\$ _____
0052	Poly(Vinyl Chloride) Sheet Piling	7,800	S.F.	\$ _____	\$ _____
0053	Subdrainage System	320	L.F.	\$ _____	\$ _____
0054	Storm Drains	1	L.S.	\$ _____	\$ _____
0055	Metal Beam Guard Fence	1,012	L.F.	\$ _____	\$ _____
0056	Turfing	1	L.S.	\$ _____	\$ _____
0057	Concrete	3,500	C.Y.	\$ _____	\$ _____
0058	Removal and Stockpiling Blanket Stone (1/4"-4")	1,700	Ton	\$ _____	\$ _____
0059	Removal and Stockpiling Riprap (40-625 lbs)	4,740	Ton	\$ _____	\$ _____
0060	Sheet Pile Wall Removal Sta. 336+50	1	L.S.	\$ _____	\$ _____
<b>TOTAL OPTION</b>					\$ _____
<b>TOTAL SCHEDULE NO. 1 AND OPTION</b>					\$ _____

**BIDDING SCHEDULE (CONT'D)**  
**(TO BE ATTACHED TO STANDARD FORM 1442)**

**1. ARITHMETIC DISCREPANCIES (JAN 1997)(EFARS 52.214-5000).**

(a) For the purpose of initial evaluation of bids, the following will be utilized in the resolving arithmetic discrepancies found on the face of bidding schedule as submitted by the bidder:

- (1) Obviously misplaced decimal points will be corrected;
- (2) Discrepancy between unit price and extended price, the unit price will govern;
- (3) Apparent errors in extension of unit prices will be corrected;
- (4) Apparent errors in addition of lump-sum and extended prices will be corrected.

(b) For the purpose of bid evaluation, the Government will proceed on the assumption that the bidder intends his bid to be evaluated on the basis of the unit prices, the totals arrived at by resolution of arithmetic discrepancies as provided above and the bid will be so reflected on the abstract of bids.

(c) These correction procedures shall not be used to resolve any ambiguity concerning which bid is low.

**2. MODIFICATIONS (CESWG).** If a modification to a bid based on unit prices is submitted, which provides for a lump sum adjustment to the total estimated cost, the application of the lump sum adjustment of each unit price in the bid schedule must be stated. If it is not stated, the bidder agrees that the lump sum adjustment shall be applied on a pro rata basis to every unit price in the bid schedule.

**3. SMALL BUSINESS AND SMALL DISADVANTAGED BUSINESS SUBCONTRACTING PLAN ((FAR 52.219-9) See CONTRACT CLAUSES.)** In reference to the above, the bidder/offeror shall take into consideration only those subcontracts which he/she will award when preparing the subcontracting plan required in FAR.

**BIDDING SCHEDULE (CONT'D)**  
**(TO BE ATTACHED TO STANDARD FORM 1442)**

**4. EVALUATION OF OPTIONS (JUL 1990)(FAR 52.217-5).** Except when it is determined in accordance with FAR 17.2006(b) not to be in the Government's best interests, the Government will evaluate offers for award purposes by adding the total price for all options to the total price for the basic requirement. Evaluation of options will not obligate the Government to exercise the options.

**5. SALES TAX EXEMPTION (CESWG).** The following blanks are not a part of your bid price. See Block 17 on Standard Form 1442. The Texas Tax Code has changed. If you intend seeking a sales tax exemption on this contract, complete the following. Such provides the "separated contract" requirement now critical to your obtaining an exemption certificate. For information concerning tax exemptions please contact the Comptroller of Public Accounts at 1 800-252-5555.

Materials:     \$\_\_\_\_\_

Services:       \$\_\_\_\_\_

Total:         \$\_\_\_\_\_

**SECTION TABLE OF CONTENTS**

**GENERAL REQUIREMENTS**

**SECTION 01520 - CONSTRUCTION OFFICE**

<b>PARAGRAPH</b>	<b>TITLE</b>	<b>PAGE NOS.</b>
------------------	--------------	------------------

**PART 1 - GENERAL**

1.1	GENERAL. . . . .	01520-01
1.2	COMPLEX SITE . . . . .	01520-01
1.3	GOVERNMENT OFFICE. . . . .	01520-01
1.4	PAYMENT. . . . .	01520-06

**PART 2 - PRODUCTS (Not Applicable)**

**PART 3 - EXECUTION (Not Applicable)**

**SECTION 01520 - CONSTRUCTION OFFICE****PART 1 - GENERAL**

**1.1 GENERAL.** The Contractor shall furnish for the duration of work an on-site, fenced temporary office complex not smaller than 110 feet by 110 feet, or equivalent to match the site. The complex shall contain an office building, a storage building and adequate and safe access and egress parking for fifteen (15) full size sport utility vehicles and pick up trucks. The complex shall be for the exclusive use of Government personnel. The Contractor shall provide full electric, water supply, and sewage removal utility services. The Contractor shall also provide trash collection and removal services. The Contractor shall be responsible for physical and fire protection security, repairs from vandalism, and replacements from theft from the Complex and Contractor-owned contents. This facility shall be ready for occupancy within 45 calendar days and fully completed within 60 calendar days after acknowledgement of the Notice to Proceed. Equipment, computers, furniture, and services will be subject to approval. The equipment and other items specified for the Government's Office Complex shall become the property of the Contractor when this contract is completed.

**1.2 COMPLEX SITE.** The Contractor shall prepare an approved Complex site including access roadways to the site. The Complex area and access roadways shall be graded for good drainage and shall be constructed of a 6-inch flexible base and a minimum 2-inch asphaltic concrete surface. The Contractor shall furnish and install a 7-foot high chain link fence topped with three (3) strands of barbed wire and a 16 foot, minimum clearance, remote operated gate including twelve (12) remote openers. The gate shall also allow for emergency manual operation. Security lighting shall be provided on the fence and within the complex. It shall be the responsibility of the Contractor to keep the site graded, free from ponding water, and free from unwanted vegetation growth. Facilities shall be protected by a security system with at least six (6) individual key code capabilities for use by Government personnel. The system shall sound a 115 dB or louder local alarm to notify law enforcement agencies. The Contractor shall also provide a security response service to respond to alarms. A printout of the security system alarming activity sorted by time, including day, hour, and minute of entries or exits and a listing of the key code used for entry or exit shall be printed and submitted weekly.

**1.3 GOVERNMENT OFFICE.** The Contractor shall establish the Government office space of not less than 1,600 useable square feet with 8 foot high ceilings. The Government office shall allow for four (4) offices, two (2) bathrooms; a conference room, a storage room, a computer center, an open reception area, a kitchen, and break room. The Contractor shall crown and grade the area under the office to eliminate water ponding. A lockable mailbox mounted as directed shall be provided. The office building shall be anchored to withstand winds of 75 miles per hour. The office shall be insulated with an overhead insulation value of R19 and the wall insulation value of R11 as a

minimum. The office subfloor shall be 3/4-inch plywood, minimum. The office shall have a minimum of two (2) exterior doors, each with a 6-foot by 12-foot treated wood landing, with handrails and evenly spaced standard step risers. Wood surfaces shall be coated with a slip resistant finish. The Contractor shall provide a boot mud scraper outside and adjacent to each exterior door landing. The Government office shall include dedicated conduit for installation of the cables for computer network from the computer center to every office, open reception area, and conference room.

1.3.1 Building Floor Plan. The Contractor shall submit two (2) copies of the complex layout plan and building floor plans for approval prior to start of work. Anticipated substitution of the specifically identified equipment shall be submitted for approval. Trailers, furnishings, and equipment shall be new unless otherwise approved.

1.3.2 Building Interior. Lighting shall be fluorescent with illumination of 30 foot candles minimum. Lights shall be switched by room or area. Each room shall have a minimum of two (2) 100-Volt duplex receptacles unless otherwise specified. Interior wall color shall be light beige, with white ceilings and the floor covering a light earth tone non-cushion vinyl flooring having a through the tile color pattern.

1.3.2.1 Restrooms. The office shall have a minimum of two (2) restrooms, one (1) with lavatory, water closet, and shower; the other with lavatory, water closet, urinal, and a janitorial mud sink. Restrooms shall also include a mirror, trash receptacle, paper towel holder, and toilet paper holder. Each restroom shall be properly ventilated.

1.3.2.2 Kitchen and Break Room. The Contractor shall provide a kitchen and break room with a 33-inch stainless steel sink with hot and cold water, a 30-inch electric range, a 21-cubic foot, minimum, refrigerator and freezer, a microwave with exhaust hood, and kitchen cabinets. Lower cabinets shall have a Formica finished counter top. The upper cabinets shall extend to the ceiling and cover the area above the appliances. The range shall be set under the built-in microwave oven, which has a range exhaust system with external exhausting. The microwave oven shall have a dedicated outlet. The room shall also allow for a kitchen table with four (4) chairs. The kitchen and break room does not require a modular telephone jack.

1.3.2.3 Conference Room. The conference room shall be sized to allow for a conference table, 80 inches by 64 inches minimum, and total seating for 10 people. In addition, this area shall also allow for use of the audio visual equipment. Each wall of the conference room shall have a 110-Volt duplex outlet. Modular telephone jacks shall be installed on opposite walls of the conference room.

1.3.2.4 Storage Room. The storage room shall be a minimum of 80 useable square feet. The Contractor shall provide 15-inch wide shelving, up to 6 feet 3 inches above finished floor along one (1) wall, placed so that it does not interfere with access to a 72-inch lockable metal storage cabinet. Shelving shall be capable of holding 50 pounds per square foot. The storage room does not require 110-Volt duplex receptacles or modular telephone jack.

1.3.2.5 Computer Center. The computer center shall be a minimum of 110 useable square feet. 110-Volt duplex receptacles shall be provided, two (2) per wall, with the exception of the wall with the door, This wall shall have one (1) 110-Volt duplex receptacle. One (1) modular telephone jack shall be included for use of a telephone in this room.

1.3.2.6 Offices. The Contractor shall provide four (4) offices. One (1) office shall be a minimum of 140 useable square feet. The other three (3) offices shall be a minimum of 120 useable square feet. Each office shall have one (1) 110-Volt duplex outlet for each wall of the office. Three (3) offices shall include one (1) modular telephone jack. One (1) of the offices of 120 useable square feet shall have two (2) modular telephone jacks.

1.3.2.7 Open Office and Reception Area. The open office and reception area will include space for filing cabinets; set-up of desk, computer desk, and other office furniture for one (1) person; reception area for visitors; copy machine, water cooler, FAX machine, and supply storage cabinet. It shall also include a modular telephone jack for the desk telephone and a separate line for the FAX machine. Adequate 110-Volt duplex receptacles shall be provided for all equipment.

1.3.3 Exterior Doors shall be 36-inch wide insulated metal by 1-1/2 inch thick standard door size, with three (3) hinges. Each exterior door shall be equipped with doorknob lock sets, dead bolts, and security bars. The doorknob lock sets shall be matching and have ten (10) keys provided. The deadbolt locks shall be keyed different from the doorknob lock sets and shall have ten (10) keys provided. Lock sets and dead bolts shall be Schlage or approved equal.

1.3.4 Interior Doors shall be solid core 36 inch by 1-1/2 inch standard size, with three (3) hinges. Offices designated to be lockable shall have matching doorknob lock sets and individual deadbolts, different from doorknob lock sets, with eight (8) keys per door. Privacy locks shall be provided on restroom doors. The storeroom shall have a deadbolt lock with eight (8) keys. Lock sets and dead bolts shall be Schlage or approved equal.

1.3.5 Windows shall be operable and screened, with the top of the window 2 feet below the ceiling, approximately 3 feet high by 4 feet long, have 3M Scotchtint Sun Control Window film RE50SLARL or approved equal, metallic venetian blinds and security bars.

#### 1.3.6 Utilities.

1.3.6.1 Heating, Ventilating, and Air-Conditioning. The Contractor shall provide a central Heating, Ventilating, and Air-Conditioning (HVAC) system having a pad mounted air conditioning or heat pump compressor(s) and be protected from rain runoff.

1.3.6.2 The Contractor shall install an integrated voice/data premises wiring system to provide data and voice service to every work area. A minimum of three "information" outlets per faceplate, capable of voice or data applications, shall be wired

to each work area. The premises wiring system shall consist of Category 5E components in accordance with applicable industry. Components for the premises wiring system will be clearly and consistently labeled for management purposes. Wire should be green, yellow and blue. LAN/WAN equipment should include 1 Cisco 2620 Ethernet modular w/Cisco IOS IP SW, 1-port T1/Fractional T1 CSU/DSU WAN interface, Cisco 2950 24 port Catalyst switch and SMARTnet 8x5xNBD service agreement for all Cisco equipment. The Government will be responsible for configuration of communications equipment to assure security is maintained.

1.3.6.3 Eight (8) AT&T Intercom Speaker Phone Model # 944 shall be provided. Eight (8) 12' with single RJ45 568A 8-PIN at one end to a double RJ11 4-PIN Pair 1-2 and Pair 3-4 at other end special line cords will be provided for AT&T Intercom Speaker Phone Model # 944 connectivity to LAN/WAN outlet. Telephones, telephone cable, and other materials and the workmanship shall be in accordance with Southwestern Bell standards and recommendations. Telephone lines shall be terminated in a common area inside the facility that will provide adequate ventilation, cooling, and easy accessibility. The Contractor shall have a minimum 12 pair line terminated to a RJ21 (66 block) brought to this area from the Local Telephone Company. A minimum of a 4X8, ½ inch plywood backboard should be mounted to the wall for the Local Telephone Company's telephony equipment installation. The Contractor shall provide maintenance service on the installation and equipment.

1.3.6.4 The Government shall subscribe to and pay for its own phone and fax lines and high speed transmission line for LAN/WAN connectivity.

1.3.7 Storage Building. The Contractor shall provide a lockable storage building with a 4-inch thick concrete floor placed on a minimum of six (6) mil vapor barrier. The building, as a minimum, shall be 12 feet by 12 feet, roof ventilated, and have a 6-foot door opening. The door shall be provided with locking capability. The Contractor shall provide 10- foot candle lighting for the storage building. Industrial type shelving shall be provided along one (1) interior wall.

1.3.8 Electronic Equipment. The Contractor shall allow \$30,000 for purchase of Computers and other electronic equipment. Purchase will be made as directed, and on an as-needed basis. Purchases shall include but not be limited to computers, printers, fax machines, scanners, and digital cameras. The Contractor shall keep a log of all purchases made and submit a detailed listing monthly. Upon completion of this contract, all equipment will remain the property of the contractor and measures will be taken to recover any unexpended portion of the allocated funds.

1.3.8.1 Excluded from the \$30,000 allocation, the Contractor shall provide; Four (4) cellular telephones with four (4) leather cases. Two (2) telephones shall include a minimum of 1,000 minutes per month with no additional long distance charges and roaming fees when used within the United States. Two (2) telephones shall include a minimum of 1,000 minutes with no roaming charges when used in the State of Texas and no additional long distance charges for calls within the United States. Telephones shall be Nokia Model 6161 or equal. Each telephone shall include a 110-Volt charger, automobile fast charger, one (1) regular battery pack, one (1) battery pack for vibratory

mode. One (1) Xerox Copier, 5820 with sorter, or approved equivalent; and, the supplies for electronic equipment, to include copy paper, FAX paper, ink cartridges, and toner cartridges.

1.3.9 Other Contractor Furnished. The Contractor shall allow \$20,000 for purchase of office furnishings and room equipment. Purchase will be made as directed and on an as-needed basis. The Contractor shall keep a log of purchases made and submit a detailed listing monthly. Upon completion of this contract, furnishings and equipment will remain the property of the Contractor and measures will be taken to recover unexpended portion of the allocated funds.

1.3.10 Additional Requirements. The Contractor shall provide full maintenance service to the complex.

1.3.10.1 Janitorial Service. The Contractor shall provide full cleaning service twice weekly. The Contractor shall provide the supplies for bathrooms, to include liquid soap and dispenser, bathroom air-freshener, toilet paper, paper towel holder with paper towels, and trash can liners, and trash bags. Janitorial supplies, including paper items will be approved prior to their procurement.

1.3.10.2 Pest Control. The Contractor shall provide pest control services at least monthly.

1.3.10.3 Vegetation Control. Areas in the complex shall be treated, as necessary, to prevent the growth of vegetation. Outside the complex perimeter, the Contractor shall maintain the area within 5 feet of the security fence so that vegetation does not exceed 6 inches in height.

1.3.10.4 Trash. The Contractor shall be responsible for providing facilities and services for the storage and removal of trash from the complex. Storage and removal shall prevent odor and infestation of rodents.

1.3.11 Bottled Water. The Contractor shall provide bottled water service with cooler.

1.3.12 Complex Completion. The Contractor shall have the facility ready for occupancy within 45 calendar days and fully completed within 60 calendar days after acknowledgement of the Notice of Proceed. Liquidated Damages of \$400.00 per calendar day will be assessed for failure to complete by the specified schedule.

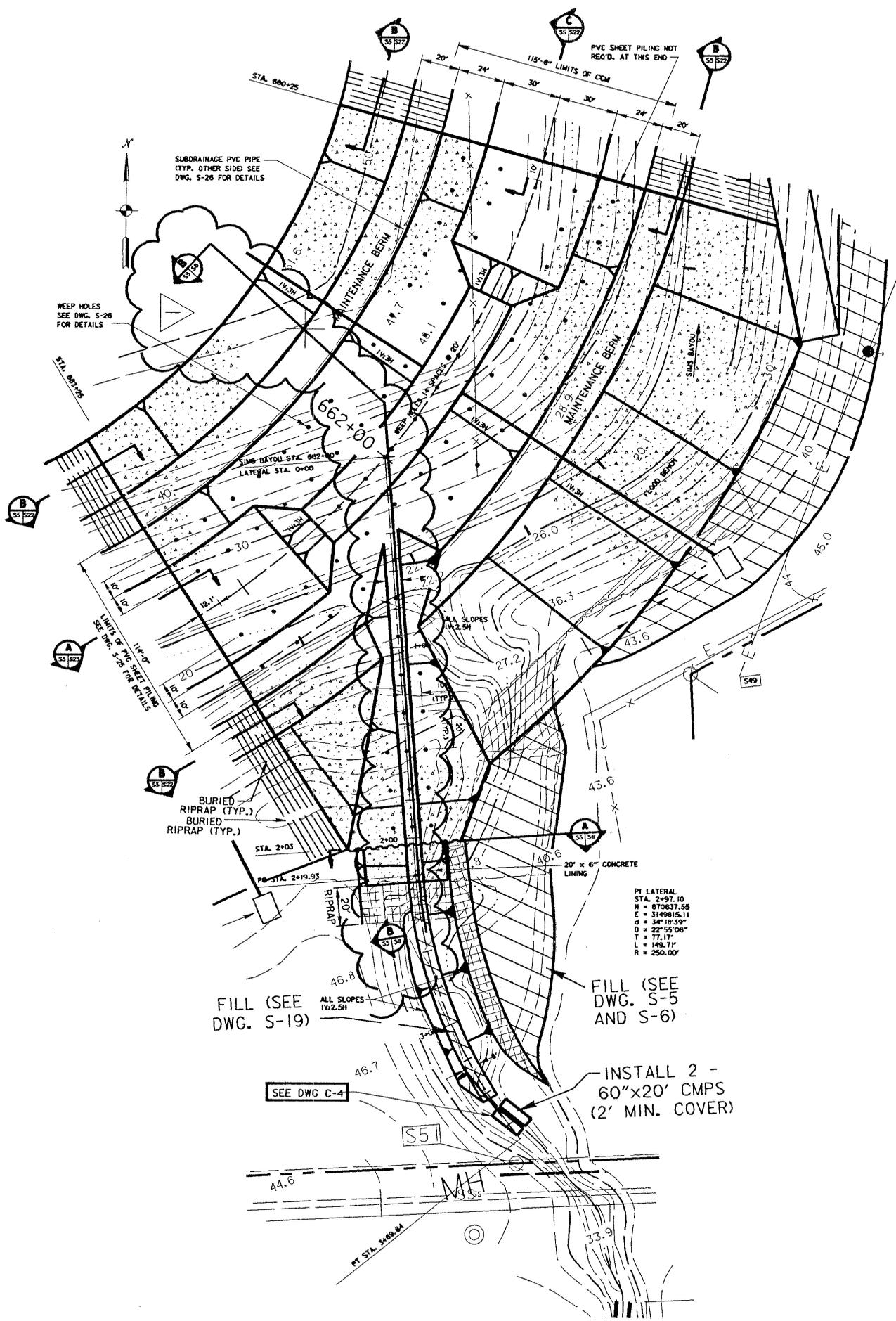
1.3.13 Complex Removal. The Contractor shall dismantle the complex starting no sooner than 15 calendar days after, and completing no later than 30 calendar days after final acceptance of the project including correction of deficiencies. Improvements associated with the Government Office complex shall be removed and disposed by the Contractor. The area shall be final graded and recompacted after completion of the complex demolition. Disturbed areas shall be restored to preconstruction condition.

**1.4 PAYMENT.** No separate payment will be made for the work covered in this Section and the costs in connection therewith shall be considered a subsidiary obligation of the Contractor.

**PART 2 - PRODUCTS (Not Applicable)**

**PART 3 - EXECUTION (Not Applicable)**

-- o O o --



FILL (SEE DWG. S-19)

FILL (SEE DWG. S-5 AND S-6)

INSTALL 2 - 60"x20' CMPS (2' MIN. COVER)

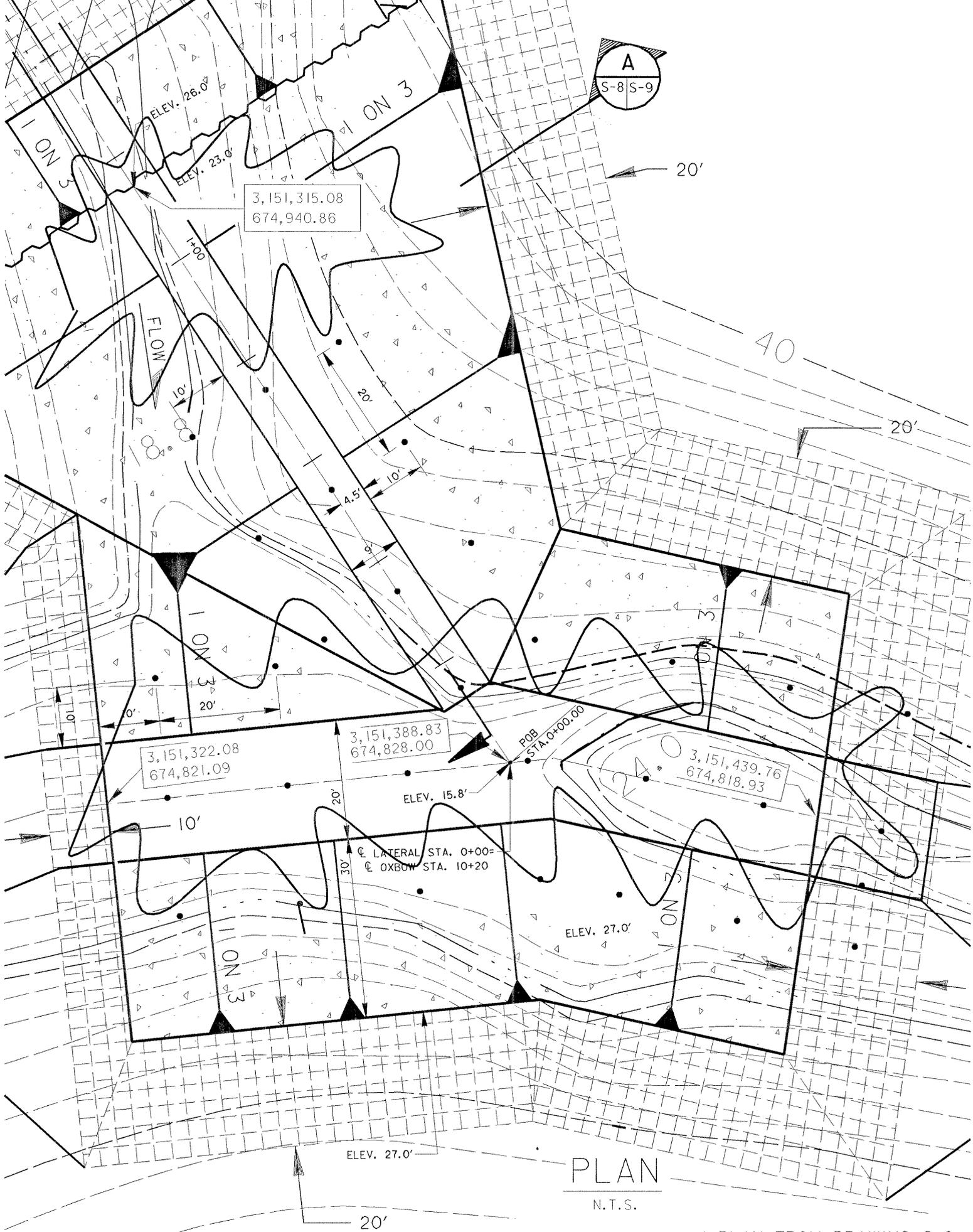
PI LATERAL  
 STA. 2+97.10  
 N = 870637.55  
 E = 3149815.11  
 d = 34° 18' 39"  
 D = 22' 55' 06"  
 T = 77.17'  
 L = 149.71'  
 R = 250.00'

PLAN  
 NOT TO SCALE

- NOTE:
1. FOR PROFILE OF LATERAL, SEE DWG. S-19.
  2. SEE DRAWING S-30 FOR CONTINUOUS REINFORCEMENT DETAILS FOR LATERAL CONCRETE LININGS.

"TO ACCOMPANY AMENDMENT NO. 0001  
 TO INVITATION NO. DACW64-02-B-0031."  
 ATTACHMENT NO. 1

(PLAN FROM DRAWING) S-5

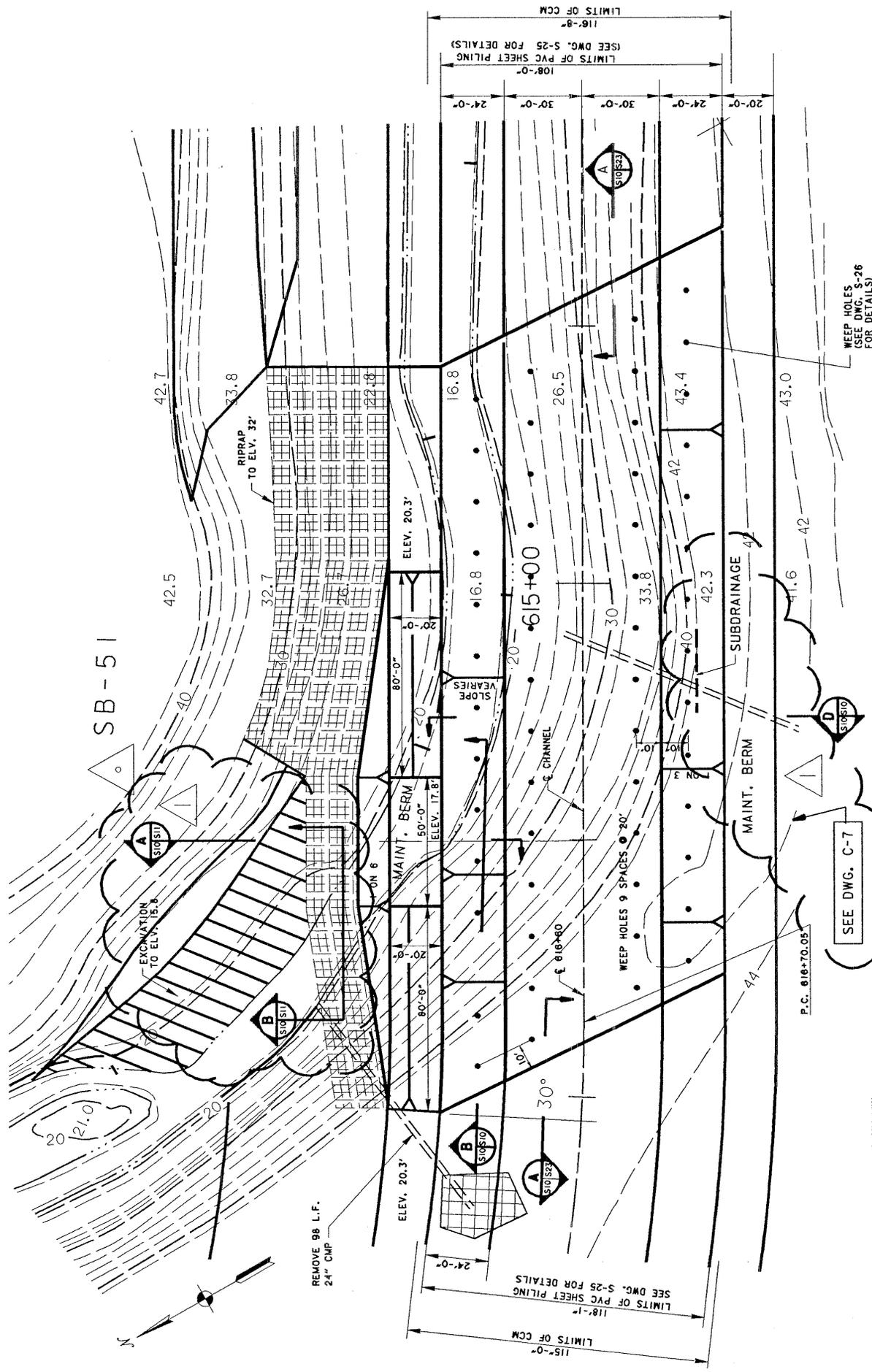


PLAN  
N.T.S.

( PLAN FROM DRAWING S-8. )

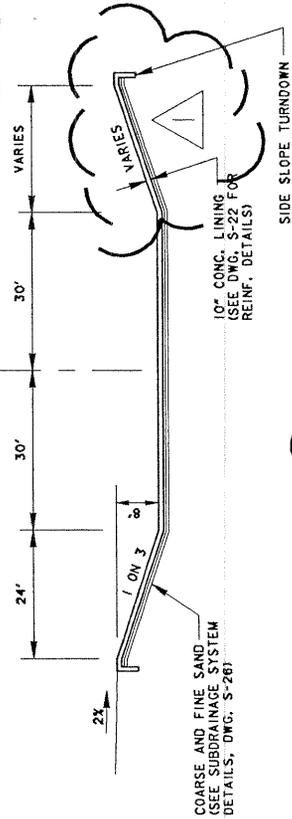
THIS ATTACHMENT ACCOMPANIES AMENDMENT NO. 0001  
TO INVITATION NO. DACW64-02-B-0031

ATTACHMENT NO. 2



PLAN  
NOT TO SCALE

(SEE DWG. C-7)

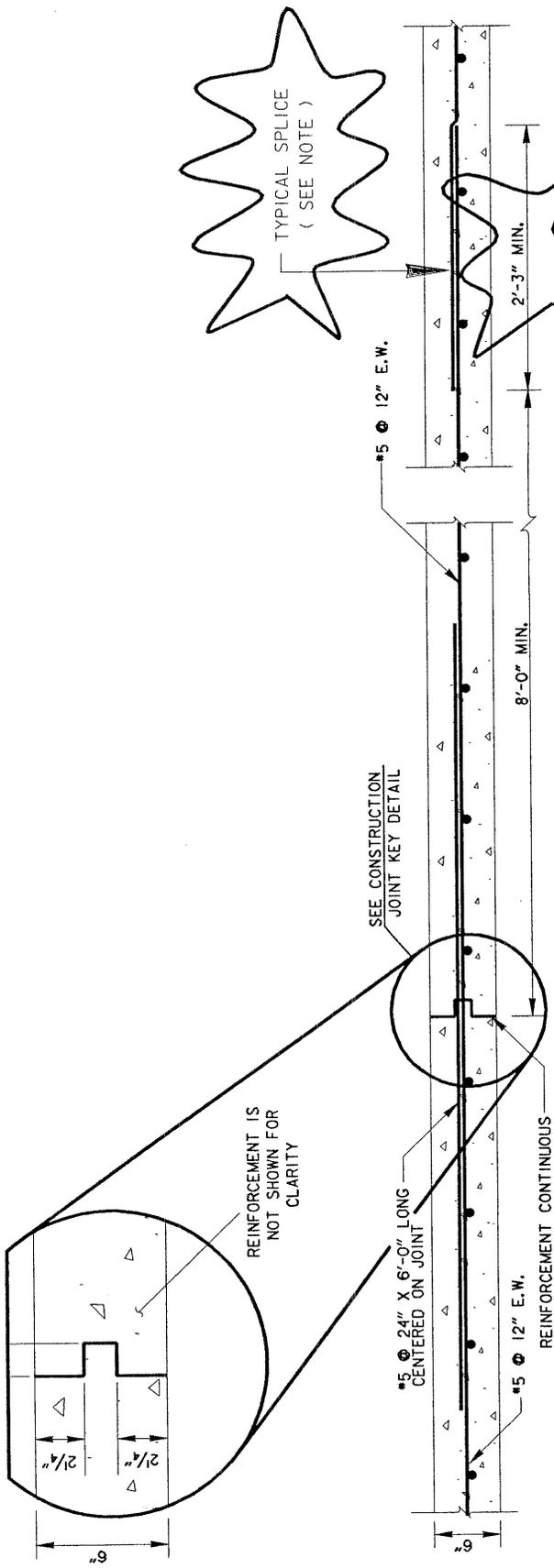


"TO ACCOMPANY AMENDMENT NO. 0001  
TO INVITATION NO. DACW64-02-B-0031."  
ATTACHMENT NO. 3



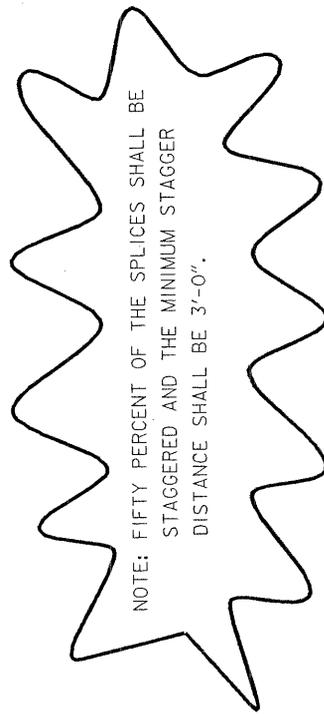
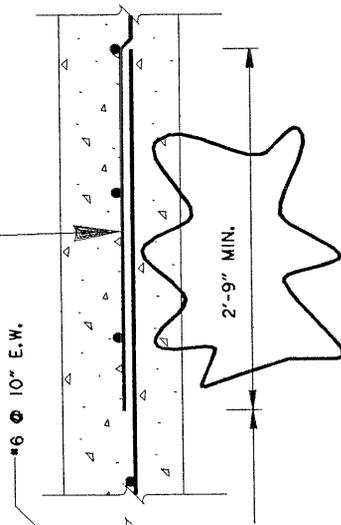
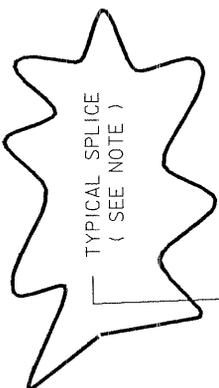
SECTION  
N.T.S.

(PLAN FROM DRAWING) S-10



**CONSTRUCTION JOINT & REINFORCEMENT DETAILS  
6" CONCRETE LINING**

SCALE: 1/2" = 1'-0"



NOTE: FIFTY PERCENT OF THE SPLICES SHALL BE STAGGERED AND THE MINIMUM STAGGER DISTANCE SHALL BE 3'-0".

REINFORCEMENT IS NOT SHOWN FOR CLARITY

SEE CONSTRUCTION JOINT KEY DETAIL

\*5 # 24" X 6'-0" LONG CENTERED ON JOINT

\*5 # 12" E.W.

REINFORCEMENT CONTINUOUS ACROSS JOINT

8'-0" MIN.

\*5 # 12" E.W.

2'-3" MIN.

TYPICAL SPLICE (SEE NOTE)

REVISION	DATE	DESCRIPTION
<p><b>GEC</b> CORPS OF ENGINEERS CALVESTON, TEXAS</p> <p>GEC P.O. BOX 8400 BATON ROUGE, LA 70809</p>		
DRAWN BY *	SLG	SIMS BAYOU, HOUSTON, TEXAS CHANNEL RECTIFICATION
DESIGNED BY *	SLG	
CHECKED BY *	LAD	
SUBMITTED BY *		
APPROVED BY *		
ARCHITECT - ENGINEER		
APPROVED *		
DATE:		
CHIEF, ENGINEERING BRANCH		
CHIEF, ENGINEERING AND CONSTRUCTION DIVISION		
( * AS REQUIRED BY ENGINEER CIRCULAR NO. 1100-F-182)		
SCALE:	AS SHOWN	
DRAWING NUMBER	S-22	
SHEET	112 OF 146	FILE NO.
Prepared under the direction of <b>Leonard D. Waterworth, Col., C.E.,</b> District Engineer		

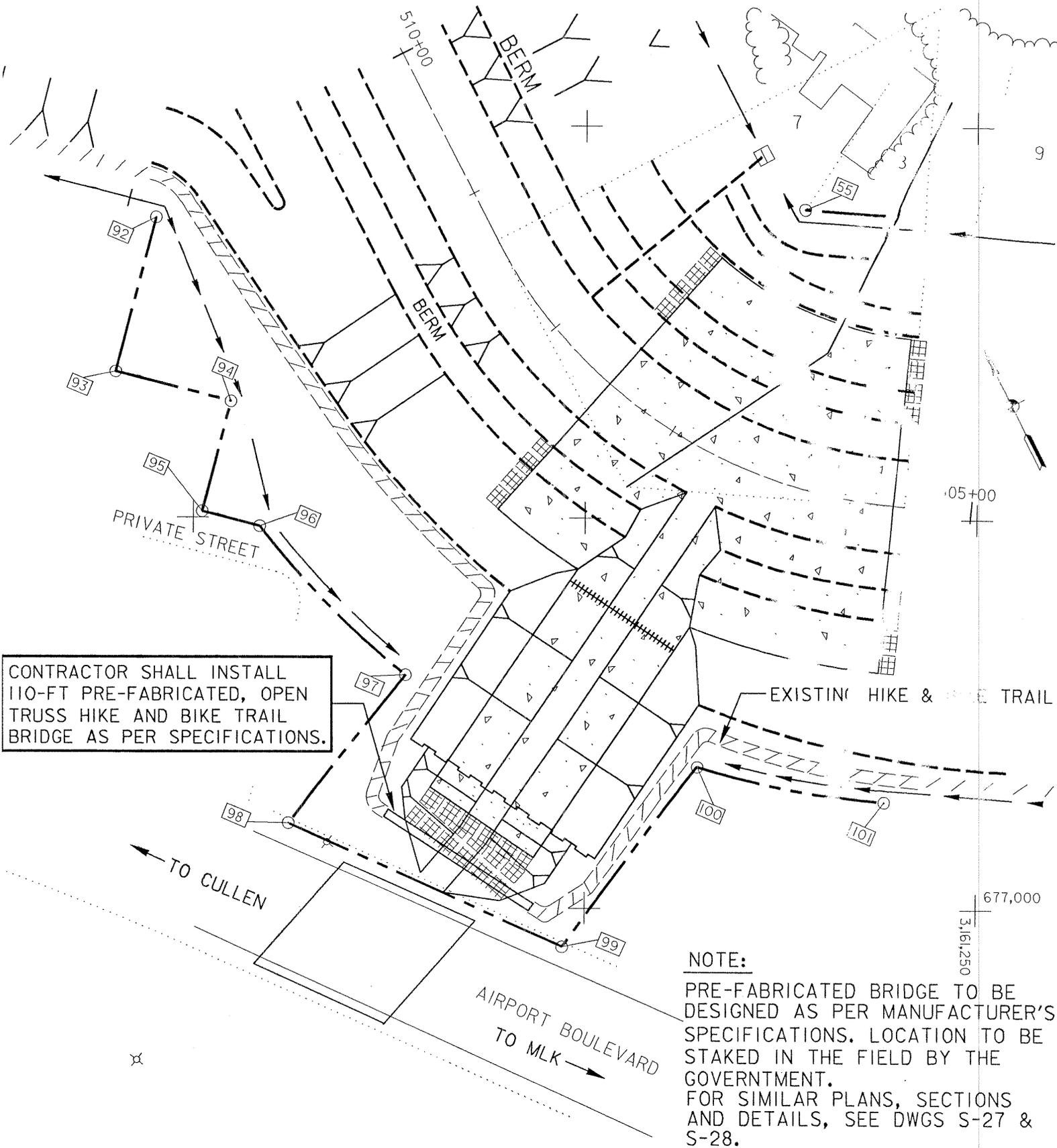
THIS ATTACHMENT ACCOMPANIES AMENDMENT NO. 0001  
TO INVITATION NO. DACW64-02-B-0031

**& TURNDOWNS**

SUBDRAINAGE SYSTEM

FEATURE	LOCATION	REF. DWG.
SHEET PILE CUTOFF WALL	681+94.44 TO 680+50	S-1
IN/CHANNEL POND/LATERAL	675+00 TO 672+00	S-3
IN/CHANNEL POND/LATERAL	663+25 TO 660+25	S-5
INCHANNEL POND	633+99 TO 632+01	S-7
LATERAL AT STA. 617+60		S-8
OXBOW SPECIAL OUTLET	616+80 TO 613+90	S-10
INCHANNEL POND	607+99 TO 606+01	S-7
SCOTT STREET BRIDGE	593+50 TO 591+90	S-12
AIRPORT BLVD. BRIDGE	587+30 TO 586+00	S-13
LATERALS	576+50 TO 574+00	S-14/16
CULLEN STREET BRIDGE	550+00 TO 548+20	S-18
INCHANNEL POND	537+24 TO 535+26	S-7

THIS ATTACHMENT ACCOMPANIES AMENDMENT NO. 0001  
TO INVITATION NO. DACW64-02-B-0031

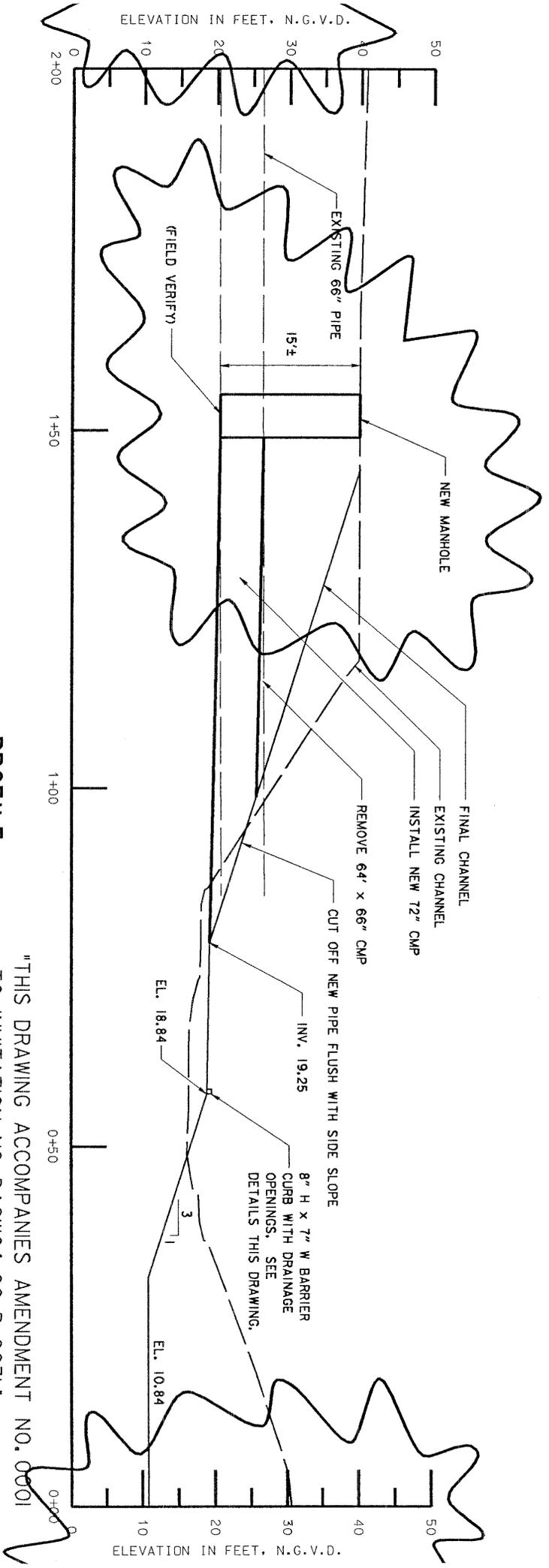
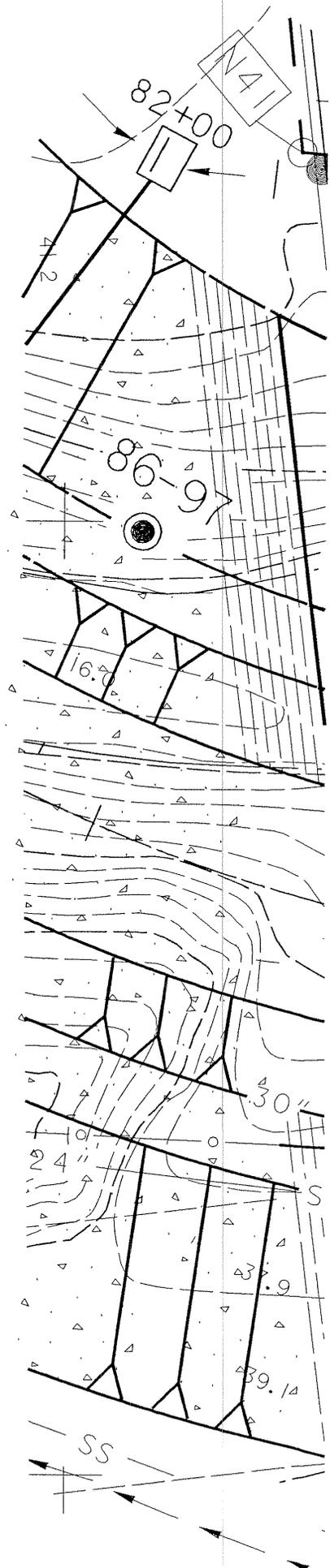


CONTRACTOR SHALL INSTALL 110-FT PRE-FABRICATED, OPEN TRUSS HIKE AND BIKE TRAIL BRIDGE AS PER SPECIFICATIONS.

**NOTE:**  
 PRE-FABRICATED BRIDGE TO BE DESIGNED AS PER MANUFACTURER'S SPECIFICATIONS. LOCATION TO BE STAKED IN THE FIELD BY THE GOVERNMENT. FOR SIMILAR PLANS, SECTIONS AND DETAILS, SEE DWGS S-27 & S-28.

SIMS BAYOU DOWNSTREAM OF CULLEN TO SH-288 TO ACCOMPANY AMENDMENT NO. 0001 TO INVITATION NO. DACW64-02-B-003



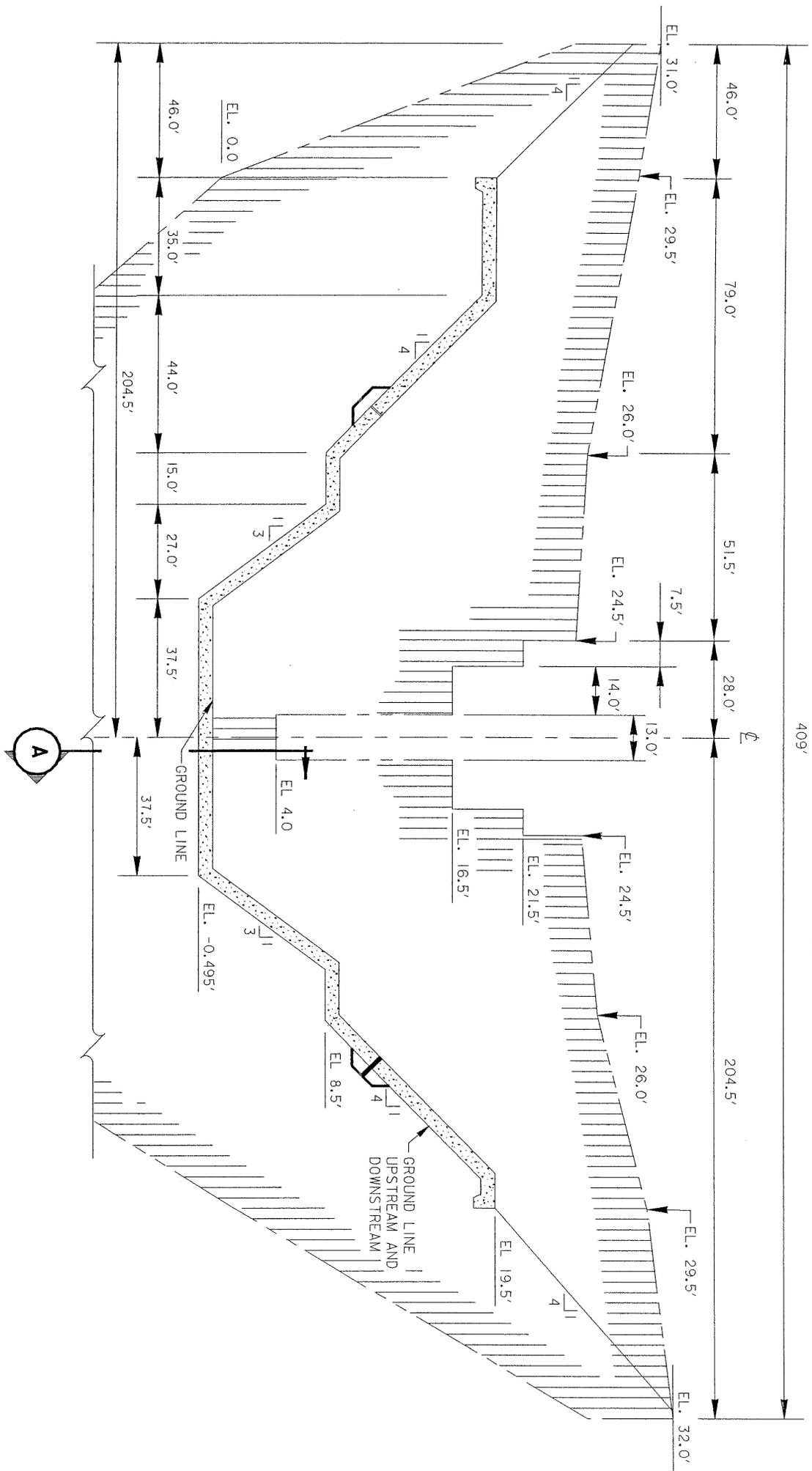


**PROFILE**  
SCALE: 1" = 10'

"THIS DRAWING ACCOMPANIES AMENDMENT NO. 0001 TO INVITATION NO. DACW64-00-B-0031."

ATTACHMENT NO. 8

DWG. S-33



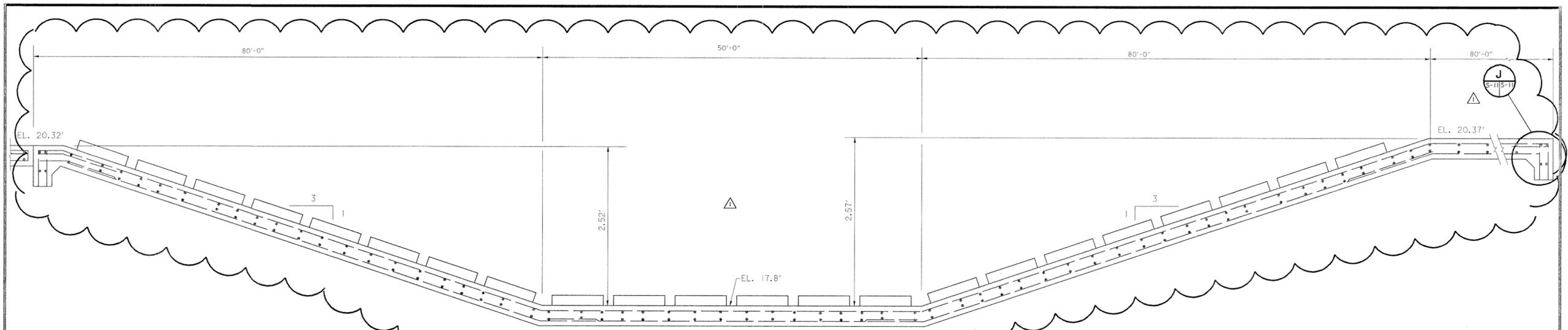
**SECTION STA 336+50**

CUT OFF WALL  
SCALE: H = 20'-0" V = 5'-0"

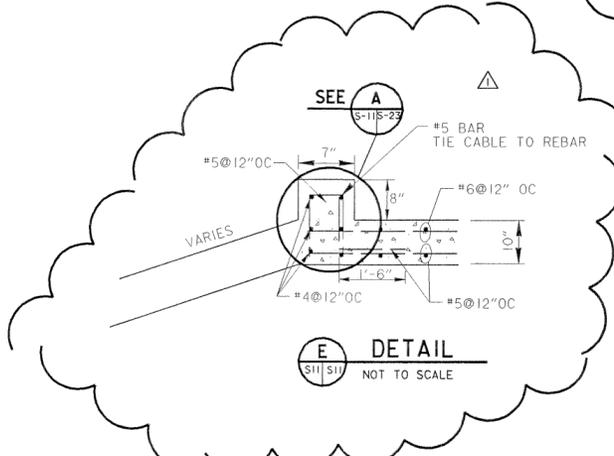
SIMS BAYOU-REACH 6

"THIS DRAWING ACCOMPANIES AMENDMENT NO. 0001  
TO INVITATION NO. DACW64-00-B-0031."  
ATTACHMENT NO. 9

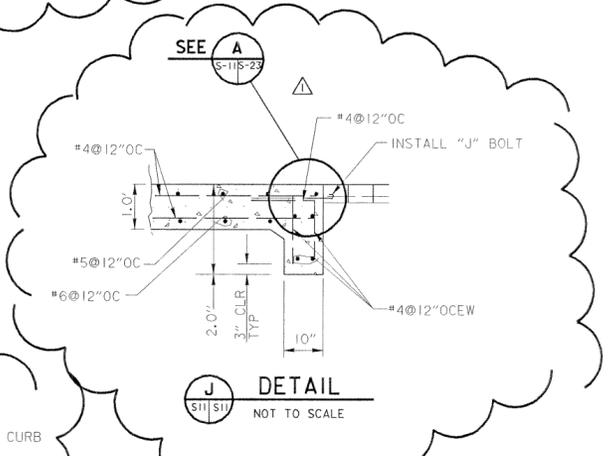
**SECTION FROM DWG. 05-8**



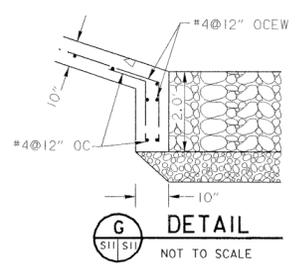
**LOW WATER CROSSING**  
**BOX SECTION**  
 NOT TO SCALE



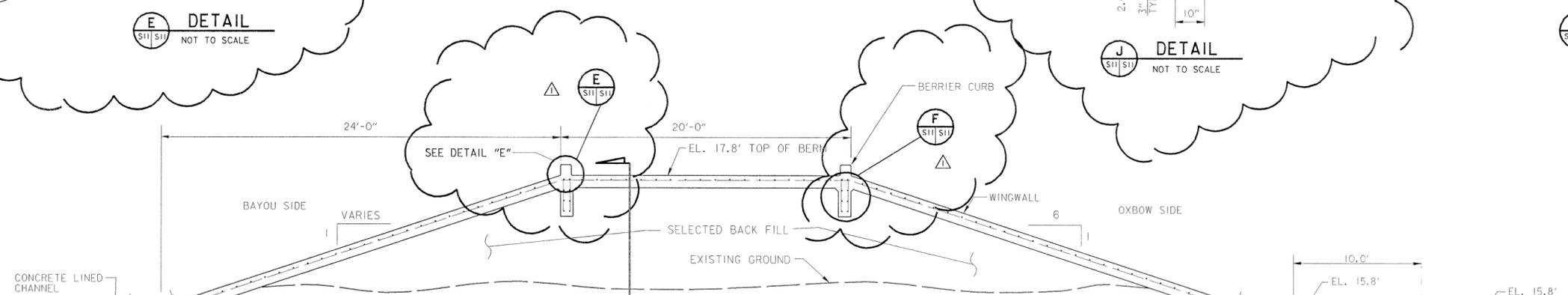
**DETAIL E**  
 NOT TO SCALE



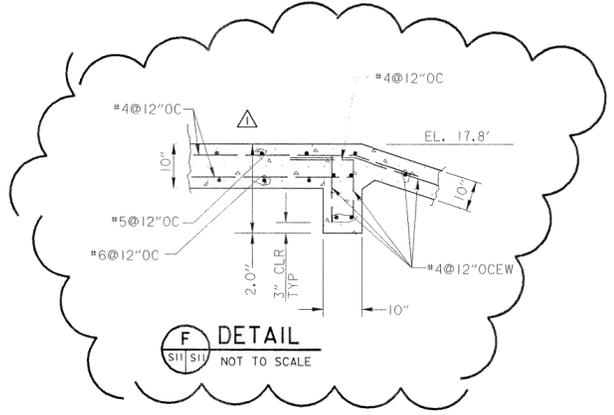
**DETAIL J**  
 NOT TO SCALE



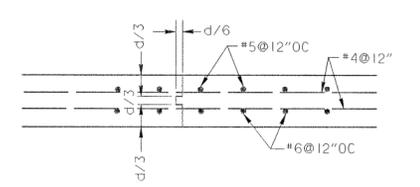
**DETAIL G**  
 NOT TO SCALE



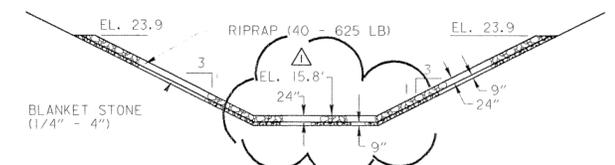
**LOW WATER CROSSING**  
**SECTION**  
 NOT TO SCALE



**DETAIL F**  
 NOT TO SCALE



**TYPICAL VERTICAL WALL CONSTRUCTION JOINT**  
 NOT TO SCALE



**RIPRAP SECTION (NOT BURIED)**  
 NOT TO SCALE

"THIS DRAWING ACCOMPANIES AMENDMENT NO. 0001 TO INVITATION NO. DACW64-02-B-0031."

AMEND	DATE	GENERAL REVISION	DESCRIPTION	E.S.R.
0001	AUGUST 02			
DESIGNED BY: RCR/DJT		OFFICE OF THE DISTRICT ENGINEER		
CHECKED BY: RCR/SLG		U.S. ARMY ENGINEER DISTRICT, GALVESTON		
SUBMITTED BY: AT		CORPS OF ENGINEERS		
ARCHITECT - ENGINEER		GALVESTON, TEXAS		
APPROVED BY:		<b>SIMS BAYOU, HOUSTON, TEXAS</b> <b>CHANNEL RECTIFICATION</b> <b>DOWNSTREAM OF CULLEN TO SH-288</b> <b>SPECIAL OUTLET SECTIONS</b> <b>STATION 616+00</b>		
CHIEF, ENGINEERING BRANCH		CHIEF, ENGINEERING AND CONSTRUCTION DIVISION		DATE: JULY 2002
PREPARED UNDER THE DIRECTION OF		SCALE: AS SHOWN		DRAWING NUMBER
Leonard D. Waterworth, Col., C.E.,		S-11		
District Engineer		SHEET 101 OF 146 FILE NO. HSC 409-16		